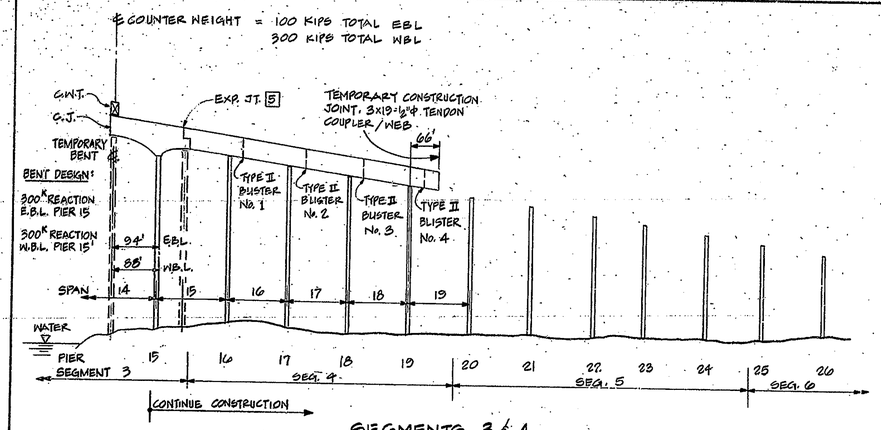
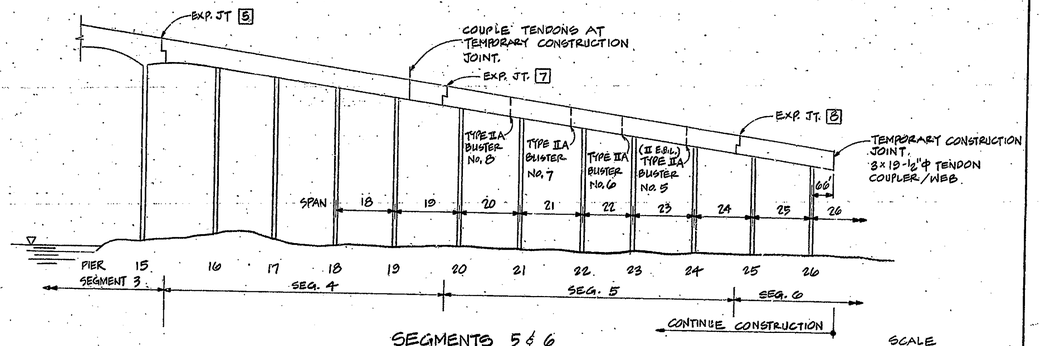


SEGMENTS 3 & 4



SEGMENTS 5 & 6

SCALE
HORIZ 1"=200'-0"
VERT. 1"=30'-0"

WESTBOUND LANES

1. CAST CONCRETE IN SEGMENT 3 FROM THE CONSTRUCTION JOINT TO EXPANSION JOINT 5. STRESS TENDON NOS. T46, T47, T48, AND T50 IN WEBS 4 AND 6; NOS. T55, T57, T58, AND T60 IN WEB 5. THE ABOVE TENDONS WILL BE COUPLED AT THE CONSTRUCTION JOINT IN ORDER TO FORM FINAL CONTINUITY TENDONS. ALSO STRESS TENDON NO. T53 IN WEBS 4 AND 6 AND TENDON NOS. T56 AND T64 IN WEB 5.

2. PLACE COUNTERWEIGHT NEAR CONSTRUCTION JOINT IN SEGMENT 3. CAST CONCRETE UP TO BLISTER 1 IN SEGMENT 4. STRESS TENDON NOS. 1 THROUGH 9.

3. AFTER CONCRETE IS CAST TO BLISTER 2, SRESS TENDON NOS. 10 THROUGH 18. FALSEWORK MAYBE REMOVED IN SPAN 15, LEAVING SHORING UNDER EXPANSION JOINT 5.

4. AFTER CONCRETE IS CAST TO BLISTER 3, STRESS TENDON NOS. 19 THROUGH 27. FALSEWORK MAY BE REMOVED IN SPAN 16.

5. AFTER CONCRETE IS CAST TO TEMPORARY CONSTRUCTION JOINT IN SPAN 19, (LEAVING THE DECK OFF TO STRESS TENDONS IN BLISTER 4) STRESS TENDON NOS. 28 THROUGH 36. FALSEWORK MAY BE REMOVED IN SPAN 17.

6. AFTER DECK CONCRETE IS CAST TO TEMPORARY CONSTRUCTION JOINT, USING 3 x 19-1/2" ϕ STRAND COUPLERS PER WEB, STRESS COUPLED TENDON NOS. 37 THROUGH 45. FALSEWORK MAY BE REMOVED IN SPANS 18 AND 19.

WESTBOUND SEGMENT 3 CLOSURE

1. AFTER COMPLETING SEGMENT 3 TRANSVERSE CLOSURE POUR IN SPAN 14, STRESS CONTINUITY TENDON NOS. T45 THROUGH T52, T55 AND T57 THROUGH T63. COUNTERWEIGHT, TEMPORARY BENT, AND FALSEWORK MAY BE REMOVED FROM SPAN 14 AND FALSEWORK MAY BE REMOVED UNDER EXPANSION JOINT 5.

EASTBOUND LANES

1. CAST CONCRETE IN SEGMENT 3 FROM THE CONSTRUCTION JOINT TO EXPANSION JOINT 5. STRESS TENDON NOS. T33, T34, T35 AND T36 IN WEBS 1, 2A, 2 AND 3. THE ABOVE TENDONS WILL BE COUPLED AT THE CONSTRUCTION JOINT IN ORDER TO FORM FINAL CONTINUITY TENDONS. ALSO STRESS TENDON NO. T39 IN WEBS 1, 2A, 2 AND 3.

2. PLACE COUNTERWEIGHT NEAR CONSTRUCTION JOINT IN SEGMENT 3. CAST CONCRETE UP TO BLISTER 1 IN SEGMENT 4. STRESS TENDON NOS. 1 THROUGH 12.

3. AFTER CONCRETE IS CAST TO BLISTER 2, STRESS TENDON NOS. 13 THROUGH 24. FALSEWORK MAY BE REMOVED IN SPAN 15, LEAVING SHORING UNDER EXPANSION JOINT 5.

4. AFTER CONCRETE IS CAST TO BLISTER 3 AND EXPANSION JOINT 6, STRESS TENDON NOS. 29 THROUGH 34. THEN, IN RAMP "C", STRESS TENDON NOS. 25 THROUGH 28, 35 THROUGH 38, 51 THROUGH 54 AND 70 THROUGH 73.

5. AFTER CONCRETE IS CAST TO TEMPORARY CONSTRUCTION JOINT IN SPAN 19, (LEAVING THE DECK OFF TO STRESS TENDONS IN BLISTER 4) STRESS TENDON NOS. 39 THROUGH 47. FALSEWORK MAY BE REMOVED IN SPAN 17.

6. AFTER DECK CONCRETE IS CAST TO TEMPORARY CONSTRUCTION JOINT, USING 3 x 19-1/2" ϕ STRAND COUPLERS PER WEB, STRESS COUPLED TENDON NOS. 48, 49, 50 and 55 THROUGH 60.

EASTBOUND SEGMENT 3 CLOSURE

1. AFTER COMPLETING SEGMENT 3 TRANSVERSE CLOSURE POUR IN SPAN 14, STRESS CONTINUITY TENDON NOS. T33 THROUGH T38. COUNTERWEIGHT, TEMPORARY BENT, AND FALSEWORK MAY BE REMOVED FROM SPAN 14 AND FALSEWORK MAY BE REMOVED UNDER EXPANSION JOINT 5.

WESTBOUND LANES

1. AFTER CONCRETE IS CAST FROM EXPANSION JOINT 8 TO TEMPORARY CONSTRUCTION JOINT IN SEGMENT 6, STRESS TENDON NOS. 1 THROUGH 6, THEN STRESS COUPLED TENDON NOS. 7 THROUGH 12, 7A 8A, AND 9A. THEN STRESS TENDON NOS. 1 THROUGH 6. THEN STRESS TENDON NOS. 13 THROUGH 18. FALSEWORK MAY BE REMOVED FROM SPAN 24, 25 AND 26.

2. AFTER CONCRETE IS CAST FROM EXPANSION JOINT 8 TO BLISTER TYPE IIA NO. 5 IN SEGMENT 5, STRESS TENDON NOS. 37 THROUGH 42.

3. AFTER CONCRETE IS CAST TO BLISTER TYPE IIA NO. 6 STRESS TENDON NOS. 31 THROUGH 36. BALANCE OF FALSEWORK MAY BE REMOVED FROM SPAN 24.

4. AFTER CONCRETE IS CAST TO BLISTER TYPE IIA NO. 7 STRESS TENDON NOS. 25 THROUGH 30, FALSEWORK MAY BE REMOVED FROM SPAN 23.

5. AFTER CONCRETE IS CAST TO BLISTER TYPE IIA NO. 8, STRESS TENDON NOS. 19 THROUGH 24, FALSEWORK MAY BE REMOVED FROM SPAN 22.

6. AFTER CONCRETE IS CAST TO EXPANSION JOINT 7 STRESS TENDON NOS. 13 THROUGH 18; 7 THROUGH 12 AND 1 THROUGH 6. FALSEWORK MAY BE REMOVED FROM SPAN 21.

7. CAST CONCRETE FROM EXPANSION JOINT 7 TO TEMPORARY CONSTRUCTION JOINT AND COUPLE TENDONS IN SEGMENT 4. STRESS COUPLED TENDON NOS. 37 THROUGH 45. STRESS TENDON NOS. 46 THROUGH 54. FALSEWORK MAY BE REMOVED FROM SPAN 20 AND BALANCE OF SPAN 19.

EASTBOUND LANES

1. AFTER CONCRETE IS CAST FROM EXPANSION JOINT 8 TO TEMPORARY CONSTRUCTION JOINT IN SEGMENT 6, STRESS TENDON NOS. 1 THROUGH 9, THEN STRESS COUPLED TENDON NOS. 10 THROUGH 18. FALSEWORK MAY BE REMOVED FROM SPAN 24, 25 AND 26.

2. AFTER CONCRETE IS CAST FROM EXPANSION JOINT 8 TO BLISTER TYPE IIA NO. 5, STRESS TENDON NOS. 37 THROUGH 45.

3. AFTER CONCRETE IS CAST TO BLISTER TYPE II NO. 6, STRESS TENDON NOS. 31 THROUGH 36. FALSEWORK MAY BE REMOVED FROM SPAN 24.

4. AFTER CONCRETE IS CAST TO BLISTER TYPE IIA NO. 7, STRESS TENDON NOS. 25 THROUGH 30. FALSEWORK MAY BE REMOVED FROM SPAN 23.

5. AFTER CONCRETE IS CAST TO BLISTER TYPE IIA NO. 8, STRESS TENDON NOS. 19 THROUGH 24. FALSEWORK MAY BE REMOVED FROM SPAN 22.

6. AFTER CONCRETE IS CAST TO EXPANSION JOINT 7, STRESS TENDON NOS. 13 THROUGH 18; 7 THROUGH 12 AND 1 THROUGH 6. FALSEWORK MAY BE REMOVED FROM SPAN 21.

7. CAST CONCRETE FROM EXPANSION JOINT 7 TO TEMPORARY CONSTRUCTION JOINT AND COUPLE TENDONS IN SEGMENT 4. STRESS COUPLED TENDON NOS. 55 THROUGH 60 AND 48 THROUGH 50. STRESS TENDON NOS. 61 THROUGH 68. FALSEWORK MAY BE REMOVED FROM SPAN 20 AND BALANCE OF SPAN 19.

NOTE:
1. SEE NOTES ON SHEET 1100
2. REFER TO SHEET NO. 1100 FOR TENDON ARRANGEMENT PLANS.

APPROVED FOR CONSTRUCTION.

J. D. MATTIS
Engineer of Bridge Plans
9-7-82

J.D. Mattis

NO.	REVISION	DATE
1	REVISED STEPS	DEC. '81

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS

T. Y. LIN REGISTERED No. 12866 STATE OF INDIANA PROFESSIONAL ENGINEER

WALSH CONSTRUCTION COMPANY
A DIVISION OF GUY F. ATKINSON CO.
DARIEN, CONNECTICUT

SHEET TITLE
CONSTRUCTION SEQUENCE – SEGMENTS 3,4,5 & 6

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2548 CONTRACT NO. 8-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
1101